

<b>Courage to Soar</b>			
<b>2009 Science</b>			
<b>Core Curriculum</b>			
<b>Iowa Science</b>			
<b>Grades 3-5</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Kite Flight	IA	SCI.3-5.1.1.2	Students recognize that different questions lead to different types of investigations.
Kite Flight	IA	SCI.3-5.1.4.3	Students' use of appropriate tools is guided by the questions asked and the investigations students design.
Soaring Higher	IA	SCI.3-5.3.5.1	The motion of an object can be described by its position, direction of motion, and speed. That motion can be measured and represented on a graph.
Aviation Pioneers	IA	SCI.3-5.1.3.1	Students should engage in systematic observation, making accurate measurements, and identifying and controlling variables.
Flying a Styrofoam Plane	IA	SCI.3-5.1.3.1	Students should engage in systematic observation, making accurate measurements, and identifying and controlling variables.
Flying a Styrofoam Plane	IA	SCI.3-5.3.1.3	The properties of a substance can be measured using tools and technology.
The Matter of Air	IA	SCI.3-5.1.3.1	Students should engage in systematic observation, making accurate measurements, and identifying and controlling variables.
The Four Forces of Flight	IA	SCI.3-5.1.2.1	Types of investigations include describing objects, events, and organisms; classifying them; and doing a fair test (experimenting), depending on the types of questions they want to answer.
The Four Forces of Flight	IA	SCI.3-5.1.3.1	Students should engage in systematic observation, making accurate measurements, and identifying and controlling variables.